


FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT 	MMB DOCKET NO. 1671-0293	APPLICATION NO. 10/814,953
	APPLICANTS: Dietz et al.	
	FILING DATE: March 31, 2004	GROUP ART UNIT: 3738

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
PP	A	4,045,825	September 6, 1977	Stroot			
	B	4,675,670	June 23, 1997	Lalonde et al.			
	C	5,376,128	December 27, 1994	Bozeman			
	D	5,395,033	March 7, 1995	Byrne et al.			
	E	5,458,655	October 17, 1995	Bozeman			
	F	5,465,619	November 14, 1995	Sotack et al.			
	G	5,480,454	January 2, 1996	Bozeman			
	H	5,769,875	June 23, 1998	Peckham et al.			
	I	5,776,171	July 7, 1998	Peckham et al.			
	J	5,831,430	November 3, 1998	Pfanstiehl et al.			
	K	5,954,758	September 21, 1999	Peckham et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	COUNTRY	DATE	CLASS	SUB-CLASS	TRANSLATION
PP	L	WO 2000/65981	PCT	November 9, 2000			
PP	M	WO 2005/055871	PCT	June 23, 2005			

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
PP	N	1	SEEDHOM ET AL., <u>A Technique for the Study of Geometry and Contact in Normal and Artificial Knee Joints</u> , 1972, Wear – Elsevier Sequoia S.A. Lausanne – Printed in the Netherlands, pp. 189-199.				
PP	O	1	TROYK ET AL., <u>Design and Implementation of an Implantable Goniometer</u> , IEEE Transactions on Biomedical Engineering, February 1986, pp. 215-222, Vol. BME-33, No. 2.				
PP	P	1	SELVIK, <u>Roentgen stereophotogrammetry A method for the study of the kinematics of the skeletal system</u> . Acta Orthopaedica Scandinavica, 1989, pp. 1-51, Supplementum No. 232, Vol. 60, Munksgard Copenhagen.				

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PP	Q	6,026,328	February 15, 2000	Peckham et al.			
	R	6,163,725	December 19, 2000	Peckham et al.			
	S	6,228,900	May 8, 2001	Shen et al.			
	T	6,281,264	August 28, 2001	Salovey et al.			
	U	6,281,679	August 28, 2001	King et al.			
	V	6,332,089	December 18, 2001	Acker et al.			
	W	6,400,989	June 4, 2002	Eckmiller			
	X	6,454,781	September 24, 2002	Witt et al.			
	Y	6,473,652	October 29, 2002	Sarwa et al.			
	Z	6,498,944	December 24, 2002	Ben-Haim et al.			
	AA	6,507,189	January 14, 2003	Woolsey et al.			

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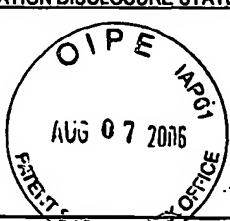
EXAMINER INITIAL		DOCUMENT NUMBER	COUNTRY	DATE	CLASS	SUB-CLASS	TRANSLATIO N

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

PP	AB	2	GRAICHEN ET AL., <u>Four-Channel Telemetry System for In Vivo Measurement of Hip Joint Forces</u> . J. Biomed. Eng., February 1991, pp. 370-374, Vol. 13.				
PP	AC	2	PAVELKA ET AL., <u>Correlation between knee roentgenogram changes and clinical symptoms in osteoarthritis</u> ; Rev. Rhum. Mal. Osteoartic., April 1992, pp. 553-559, 59 (9).				
PP	AD	2	GRAICHEN ET AL., <u>Inductively Powered Telemetry System for In Vivo Measurement with Orthopaedic Implants</u> , Biotelemetry XIII, March 26-31, 1995 - Williamsburg, VA, pp. 75-80.				

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PP	AE	6,558,229	May 6, 2003	Kimura et al.			
	AF	6,563,308	May 13, 2003	Nagano et al.			
	AG	6,583,630	June 24, 2003	Mendes et al.			
	AH	6,679,920	January 20, 2004	Biedermann et al.			
	AI	2001/0000187	April 5, 2001	Peckham et al.			
	AJ	2002/0147455	October 10, 2002	Carson			
	AK	2002/0133175	September 19, 2002	Carson			
	AL	2003/0069644	April 10, 2003	Kovacevic et al.			
	AM	2004/034355	February 19, 2004	Govari et al.			
	AN	2004/0243148	December 2, 2004	Wasielewski			

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EXAMINER INITIAL		DOCUMENT NUMBER	COUNTRY	DATE	CLASS	SUB-CLASS	TRANSLATION

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PP	AO	3	CONROZIER ET AL., <u>Quantitative radiography in osteoarthritis: Computerized measurement of radiographic knee and hip joint space</u> Baillière's Clinical Rheumatology, August 1996, pp. 429-433, Vol. 10, No. 3, Copyright © 1996, by Baillière's Tindall.
PP	AP	3	KARRHOLM ET AL; <u>Radiosterometry of Hip Prostheses Review of Methodology and Clinical Results</u> , Clinical Orthopaedics and Related Research, 1997, pp. 94-110, No. 344.
PP	AQ	3	ILCHMANN, <u>Thesis Radiographic assessment of cup migration and wear after hip replacement</u> , Acta Orthopaedica Scandinavica, October 1997, pp. 1-27, Vol. 68, Supplementum No. 276.

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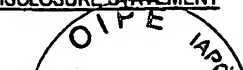
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PP	AR	4	LANYON ET AL; <u>Radiographic assessment of symptomatic knee osteoarthritis in the community: definitions and normal joint space.</u> Ann Rheum Dis, August 1998, pp. 595-601, No. 57.
PP	AS	4	VROOMAN ET AL., <u>Fast and accurate automated measurements in digitized stereophotogrammetric radiographs.</u> Journal of Biomechanics, 1998, pp. 491-498, 31.
PP	AT	4	ÖNSTEN ET AL; <u>Wear in uncemented porous and cemented polyethylene sockets, A RANDOMISED, RADIOSTEROMETRIC STUDY,</u> The Journal of Bone and Joint Surgery, March 1998, pp. 345-50, 80(2).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
PP	AW	6	CICUTTINI ET AL., <u>Tibial and femoral cartilage changes in knee osteoarthritis</u> , Ann Rheum Dis, 2001 Oct; pp. 977-980, 60.
PP	AX	6	HYLDAHL ET AL., <u>Does Metal Backing Improve Fixation of Tibial Component in Unicondylar Knee Arthroplasty?</u> A Randomized Radiosterometric Analysis, The Journal of Arthroplasty, 2001, pp. 174-179, Vol. 16 No. 2.
PP	AY	6	SYCHERTZ ET AL., <u>Effect of Radiographic Quality on Computer-Assisted Head Penetration Measurements</u> , Clinical Orthopaedics and Related Research, 2001, pp. 150-158, No. 386.

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
PP	AZ	7	BHADRA ET AL., <u>Implementation of an Implantable joint-angle Transducer</u> Journal of Rehabilitation Research and Development, May/June 2002, pp. 411-422, Vol. 39, No. 3.				
PP	BA	7	BRAGDON ET AL., <u>Experimental assessment of precision and accuracy of radiostereometric analysis for the determination of polyethylene wear in a total hip replacement model</u> , Journal of Orthopaedic Research, 2002, pp. 688-695. ©2002 Orthopaedic Research Society. Published by Elsevier Science Ltd.				
PP	BB	7	HILLIQUIN ET AL., <u>Quantitative assessment of joint space width with an electronic caliper</u> . Osteoarthritis and Cartilage, 2002, pp. 542-546, 10.				
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PP	BC	8	European Search Report for European Application No. 05251832.1-2310 PCT/ dated August 5, 2004, 4 pages.

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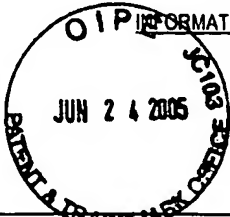
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
PP	AA	4,024,588	May 24, 1977	Janssen et al.	↓	↓	
PP	AB	4,950,986	August 21, 1990	Guerrero			
PP	AC	5,935,171	August 10, 1999	Schneider et al.			
PP	AD	6,245,109	June 12, 2001	Mendes et al.			
PP	AE	6,573,706	June 3, 2003	Mendes et al.			
	AF						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	COUNTRY	DATE	CLASS	SUB-CLASS	TRANSLATION
PP	AL	WO 2005/055871	PCT	23 June 2005	→		
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	AR	1	
	AS	1	

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	APPLICANT: Dietz et al.		
	FILING DATE: March 31, 2004	GROUP ART UNIT: 3738	

U.S. PATENT DOCUMENTS							
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PP	AA	5,300,120	04/05/1994	Knapp et al.	→		
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AQ	1					
	AR	1					
	AS	1					
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	APPLICANT(S): Deitz et al.	
	FILING DATE: Herewith	GROUP: To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
PP	AA	5,197,488	03/30/1993	Kovacevic	↓	↓	
PP	AB	5,360,016	11/01/1994	Kovacevic			
PP	AC	5,470,354	11/28/1995	Hershberger et al.			
PP	AD	5,609,643	03/11/1997	Colleran et al.			
PP	AE	6,506,216	01/14/2003	McCue et al.			
PP	AF	2003/0069644	01/10/2003	Kovacevic et al.			
PP	AG	2004/0019384	01/29/2004	Kirking et al.			
	AH						
	AI						
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	AL						Yes No
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